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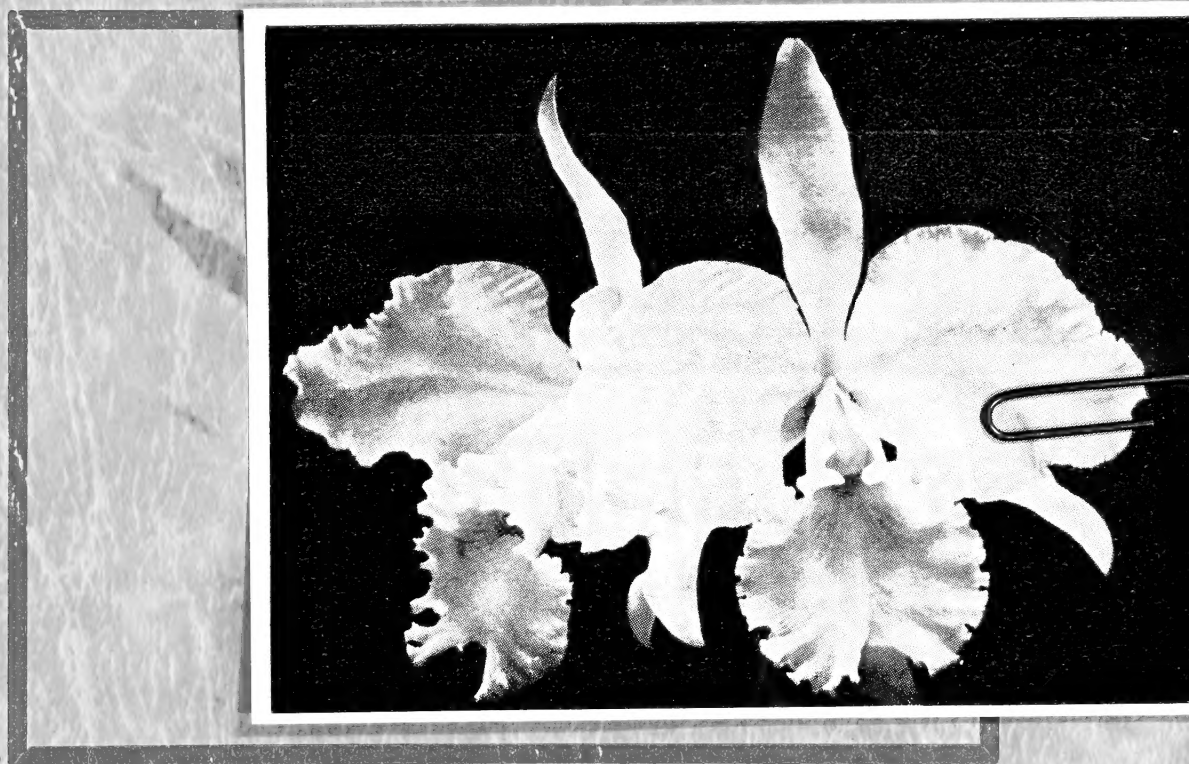
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U. S. DEPARTMENT OF AGRICULTURE

RIVERVIEW ORCHIDS



GREENHOUSES - ANDERSON BOULEVARD

EAST LIVERPOOL, OHIO



HOME OF RIVERVIEW ORCHIDS



OHIO'S LARGEST ORCHID GROWERS



THE Special Offerings contained in this catalog are mostly of very easy culture and are all capable of being undertaken by amateurs who achieve success with any other class of plants.

Practically all the literature upon the culture of orchids comes from English sources, and as the climate is very different, the results are more often harmful than beneficial. For this reason, we have devoted a section of this catalog to practical information upon the growing of orchids.

Orchids are ideal for city dwellers, as orchids should not be exposed to the sun. They are also extremely satisfactory for small collections, as their lasting qualities while in bloom are superior to those of other plants. Blossoms can be counted on to last from two weeks to two and three months on the plants in perfection. As there are so many varieties, a comparatively small collection will furnish blooms throughout the year. We know of no other genera which will do this. The colors and charm of orchids defy description. Their individuality must be actually seen to be appreciated.

While the rare and expensive ones have had a great deal of publicity, they represent a mere fringe in this great family, which produce almost every flower-form and color. A very wide variety of beautiful and exotic blooms can be had in even a very small greenhouse at prices ranging from \$3 to \$25.

We extend a cordial invitation to visit our orchid range of fourteen greenhouses where you will see over 50,000 orchid plants growing and blooming.

RIVERVIEW GREENHOUSES

WHY RIVERVIEW'S SEEDLINGS ARE THE BEST!

THE PRIDE and joy of the Riverview Greenhouses' orchid range is its unusually fine collection of stud plants.

The Riverview orchid range is the largest orchid growing establishment in the State of Ohio, but even more important is the fact that its collection of stud plants is rated as one of the best in the United States.

By keeping this in mind, you can understand why Riverview can and does offer you the best in orchid seedlings, as these healthy sturdy seedlings are the offsprings of our collection of stud plants.

The stud plants were and are selected with the view of obtaining hybrids of perfection in form, color, texture and size combined with the characteristics of high productivity and strong growing qualities of plants.

The regulation of the blooming dates and the history of the plants' ancestors also are important determining factors in the mating of these stud plants.

From the time the seed is sown and germination begins, these hybrid seedlings are given the care and attention that a good mother devotes to her babies. These tiny plants are kept in a special room equipped to provide at all times a warm even temperature and the correct humidity. They are kept clean and well-watered after passing the flask stage.

Even the potting is done by workers whose long experience with orchids and osmunda fibre rate them as experts in the important field of potting. The osmunda fibre used is a careful blend from peat collected in various sections of the country to insure better growing conditions of the seedlings.

The strongest and healthiest survivors among thousands of seedlings are offered to you at reasonable prices and with the guarantee that they if given proper care will mature and produce blooms that will more than meet your expectations in beauty.

Riverview, not content with just providing the best quality of orchids, also provides expert packers to handle these valuable plants for your orders. This will insure you that your plants will arrive in perfect condition.

When buying seedlings, remember it's the stud plants that count plus adequate care and attention. To be sure of purchasing the best in seedlings, always buy from the Riverview Greenhouses, the home of fine stud plants and their offspring.

We also offer orchid enthusiasts the opportunity to purchase backbulbs and divisions from our stud plant collection.

To our many friends in Hawaii, Puerto Rico and other

overseas countries we recommend that they specify for airmail shipments of their plants when placing orders with us.

We will pack the plants in special paper pots for such shipments. The new air mail rates allow shipping costs to be reduced considerably. You will find this service to be faster and more satisfactory than air express, although of course, we will ship by any method you specify.

Air express rates are approximately 20 to 25 per cent of the total order. As all overseas air express shipments must be prepaid we request that express charges be included with the check for the plants. Should the rate be less, a refund will be made at once, and if the charges exceed the amount sent, we will send a statement to that effect.

Orchard growing is not a new experience, nor a sideline, but is the main part of Riverview Greenhouses. We have been growing orchids since 1929 and through the years have built a valuable collection of plants which we feel is equal in quality to the finest collection in the United States. We have made Riverview a home of fine orchids. We know you will agree with us if you visit our establishment.



Charles Bosco, one of the proprietors, gives daily attention to Riverview's outstanding large stud plant collection.

The following is a special offer for those interested in obtaining divisions from plants of our unusually good collection of stud plants, equal to the finest available. Listed are four-inch established backbulbs from stud plants whose blooms are perfection in beauty because of their coloring, texture, size and form. The plants themselves are strong growing.

VARIETIES

| PLANT: | Blooming Season | Price |
|--|-----------------|---------|
| Cameronian, very dark - - - - - | Summer | \$15.00 |
| Mrs. Harold Lloyd, very fine form, very special - - - - - | Fall and winter | 20.00 |
| C. Eleanor Alba x C. Aurea, very fine white petals, colored lip - - - - - | Summer | 30.00 |
| Lc. Tartan, very dark, splashed petals - | Variable | 20.00 |
| C. White Trianae, light purple throat, very fine - - - - - | Winter | 20.00 |
| C. Gigas FMB x C. Hardyana, white petals, colored lip - - - - - | -Summer | 30.00 |
| Mrs. Goldfarb, pure white, yellow throat, strong grower, one of our most outstanding hybrids - - - - - | Fall and winter | 35.00 |
| Lc. Tiberta, very dark, almost red, good form - - - - - | Fall and winter | 20.00 |
| C. Octava Doin, white petals, colored lip, has produced some very outstanding seedlings - - - - - | Variable | 35.00 |
| C. Mt. Royal Alba, white petals, colored throat - - - - - | Variable | 25.00 |
| C. Suzanne Hye de Crom, pure white with little yellow in throat. The stud plant has produced some of the best white seedlings ever seen - - - - - | Winter, summer | 35.00 |
| C. Maggie Raphael Alba, white petals, colored lip, very good stud plant - - - | Fall | 25.00 |
| C. Prince Schimadzu, very dark flowers, very heavy texture, very good form, one of the most outstanding plants of Prince Schimadzu we have ever seen - | Summer, fall | 35.00 |
| C. Nebo, large flowers, heavy textured - | Winter | 25.00 |
| C. Trianae x Lc. Rosalind, dark, splashed petals - - - - - | Winter, spring | 25.00 |
| C. Empress Frederick, very outstanding parents, flowers very dark, heavy textured. We consider it one of our best stud plants and it has produced some of our best seedlings - - - - - | Spring | 50.00 |

| PLANT: | Blooming Season | Price |
|---|--------------------|-------|
| C. Edithiae, pure white, yellow throat, good form, very outstanding, large heavy textured flower - - - - - | Spring | 30.00 |
| C. Monarch, very dark, extra special. We consider the plant to be one of our best in the stud plant collection - - - - - | Spring | 35.00 |
| C. Mossiae Reineckiana, white petals, colored lip - - - - - | Spring | 25.00 |
| C. Talisman, dark, almost red, very outstanding parents - - - - - | Fall | 25.00 |
| C. Tityus x C. Trianae the Globe, white petals, colored lip, large, very heavy textured flower, excellent form - - - | Winter, spring | 30.00 |
| C. Dowiana var. Rosita, yellow, dark throat, very outstanding flower - - | Fall | 25.00 |
| C. Gibas FMB, white petals, colored lip, large, very good form and texture - | Summer | 35.00 |
| Bc. Alexander, yellow, very large, very heavy textured, form and coloring very outstanding. It is considered one of our very best stud plants - - - - - | Fall, winter | 50.00 |
| C. Gregorio, white petals, colored lip, good texture, very outstanding - - - - - | Summer | 25.00 |
| C. Enid Alba, one of the best Enids grown in this country, has produced very outstanding seedlings for us, very large - | Fall, early winter | 50.00 |
| C. Trimos, very dark, very fine lip - - | Easter bloomer | 25.00 |
| C. Ventura, medium color, excellent form and texture, one of our better stud plants - - - - - | Spring | 35.00 |
| C. Sohma, excellent form and texture - | Spring | 35.00 |
| C. Mendelii Alba, white petals, colored lip, very good texture, medium sized flower | Spring | 25.00 |
| Lc. Aphrodite Alba, white petals, colored lip, large blooms, very outstanding plant, heavy textured. - - - - - | Spring | 35.00 |
| C. Myra Peters, pure white, excellent, good form and texture - - - - - | Variable | 35.00 |

| | | |
|--|----------------|-------|
| C. Mt. Royal, dark, large blooms, good texture, excellent plant - - - - - | Fall | 30.00 |
| Lc. Sargon x C. Mossiae, park color, very good lip, sepals and petals, very outstanding - - - - - | Winter, spring | 35.00 |
| A selected group of C. Mossiae, C. Trianae and white Schroederae that have been used for stud plants and have proved very outstanding. | | |
| C. Mossiae and C. Trianae, per plant - | | 25.00 |
| Schroederae, per plant - - - - - | | 30.00 |

These particular crosses can also be obtained in five and six inch sizes. Write us your requirements.



SEED FLASKS

For those who wish the experience of raising small seedlings, we offer the following seedling crosses that are now ready to transplant. Each 500 c. c. flask contains from 200 to 400 seedlings.

VARIETIES

(Alba means white petals with colored lip)

- R-157 C. Mossiae x C. Trianae \$20.00 per flask
C. Mossiae, medium to dark in color, fine lip.
C. Trianae, medium in color, splashed petals.
C. Labiata, medium size, medium color, good grower
(Lc. Massasoit x C. Fabia), very dark, good grower
- R-159 C. Enid x C. Labiata \$25.00 per flask
C. Enid, very heavy texture, very good form,
very strong grower.
C. Labiata, medium to dark in color, fine lip, good texture
and form.
- R-160 C. Talisman x Lc. Sargon \$30.00 per flask
C. Talisman, very strong grower, dark with reddish cast.
Lc. Sargon, very good texture, dark, good form.
- R-162 C. Trianae Alba x (C. Tityus x C. Trianae Alba) \$20 a flask
C. Trianae Alba, very large flower, good producer.
C. Tityus x C. Trianae Alba, very large flower, good texture,
very strong grower.
- R-163 C. Intertexta x (C. Tityus x C. Trianae the Globe) \$20 a flask
C. Intertexta, very good grower, produced quite a few
blooms, very dark in color.
C. Tityus x C. Trianae the Globe, very large, medium to light
in color, exceptionally good formed lip and good texture.
- R-166 C. Schroederae Alba x (C. Trianae Trentonensis x C. Mossiae Reineckiana) \$25.00 per flask
C. Schroederae Alba, good size, fine lip.
C. Trianae Trentonensis x C. Mossiae Reineckiana), white
petal, dark throat, large blooms.
- R-167 C. General Pultney x C. Trianae \$25.00 per flask
C. Gen. Pultney, medium to dark in color, good lip,
strong grower.
C. Trianae, good size and texture, medium color,
large throat.
- R-172 Lc. Schroederae Alba x C. Trimos Alba \$35.00 per flask
Lc. Schroederae, pure white, small flower.
C. Trimos Alba, white petals, dark throat, large blooms.
- R-191 C. Trianae x C. Mossiae \$20.00 per flask
C. Trianae, medium color, very good dark lip.
C. Mossiae, dark color, good texture, fine lip.



A view of Riverview's flask house.

FOUR AND ONE-HALF INCH SIZE COMMUNITY POTS

Orders are being accepted now for seedlings that will be ready for shipment after August 1. These seedlings are in four and a half inch community pots and the plants are an inch high. There are about 40 to 50 plants per pot. These pots are to be sold each a single unit.

Place your order as soon as possible as we have only a limited supply of these unusually fine seedlings, which were made from some of the finest stud plants in our collection. We guarantee shipment in late summer or early fall.

VARIETIES

(Alba means white petals with colored lip)

| | | | | | | | | | |
|-------|--|---|---|---|---|---|---|---|---------|
| R-157 | C. Mossiae x C. Trianae | - | - | - | - | - | - | - | \$30.00 |
| R-158 | C. Labiata x (Lc. Massasoit x C. Fabia) | - | - | - | | | | | 35.00 |
| R-159 | C. Enid x C. Labiata | - | - | - | - | - | - | - | 35.00 |
| R-160 | C. Talisman x Lc. Sargon | - | - | - | - | - | - | - | 40.00 |
| R-162 | C. Trianae Alba x (C. Tityus x C. Trianae Alba) | - | | | | | | | 50.00 |
| R-163 | C. Intertexta x (C. Tityus x C. Trianae Alba) | - | - | | | | | | 30.00 |
| R-165 | C. Enid x C. Trimos (Goderic) | - | - | - | - | - | - | - | 40.00 |
| R-166 | C. Schroederae Alba x (C. Trianae Trentonensis x C. Mossiae Reineckiana) | - | - | - | - | - | - | - | 45.00 |
| R-167 | C. General Pultney x C. Trianae | - | - | - | - | | | | 40.00 |
| R-168 | C. Mendelii Alba x C. Trimos Alba | - | - | - | - | | | | 50.00 |
| R-169 | Lc. Schroederae Alba x C. Trimos Alba | - | - | - | | | | | 50.00 |
| R-170 | C. Mt. Royal x C. Maggie Raphael | - | - | - | - | - | | | 40.00 |
| R-172 | C. Schroederae Alba x C. Trimos Alba | - | - | - | | | | | 45.00 |
| R-176 | C. Suzanne Hye de Crom (white) x (C. Trianae Trentonensis x C. Mossiae Reineckiana) | - | - | | | | | | 75.00 |
| R-177 | C. Goderic x C. Athena | - | - | - | - | - | - | - | 50.00 |
| R-178 | C. Goderic x C. Mossiae | - | - | - | - | - | - | - | 40.00 |
| R-180 | (C. Empress Frederick x C. Mossiae) x (C. Trianae x C. Athena) | - | - | - | - | - | - | - | 45.00 |
| R-181 | C. Nebo x C. Goderic | - | - | - | - | - | - | - | 40.00 |
| R-182 | (C. Mossiae x Lc. Locarno) x C. Monarch | - | - | | | | | | 50.00 |
| R-183 | C. Mossiae x (C. Trianae x C. Athena) | - | - | - | | | | | 45.00 |
| R-184 | Lc. Aphrodite Alba x Lc. Aphrodite Alba | - | - | | | | | | 55.00 |
| R-185 | (C. Mossiae x Lc. Sargon) x C. Goderic | - | - | - | | | | | 45.00 |
| R-186 | C. Mossiae x C. Mossiae | - | - | - | - | - | - | - | 40.00 |
| R-190 | C. Monarch x C. Ventura | - | - | - | - | - | - | - | 45.00 |
| R-191 | C. Trianae x C. Mossiae | - | - | - | - | - | - | - | 30.00 |
| R-193 | C. Trianae x C. Athena | - | - | - | - | - | - | - | 40.00 |
| R-194 | C. Monarch x C. Mossiae | - | - | - | - | - | - | - | 45.00 |



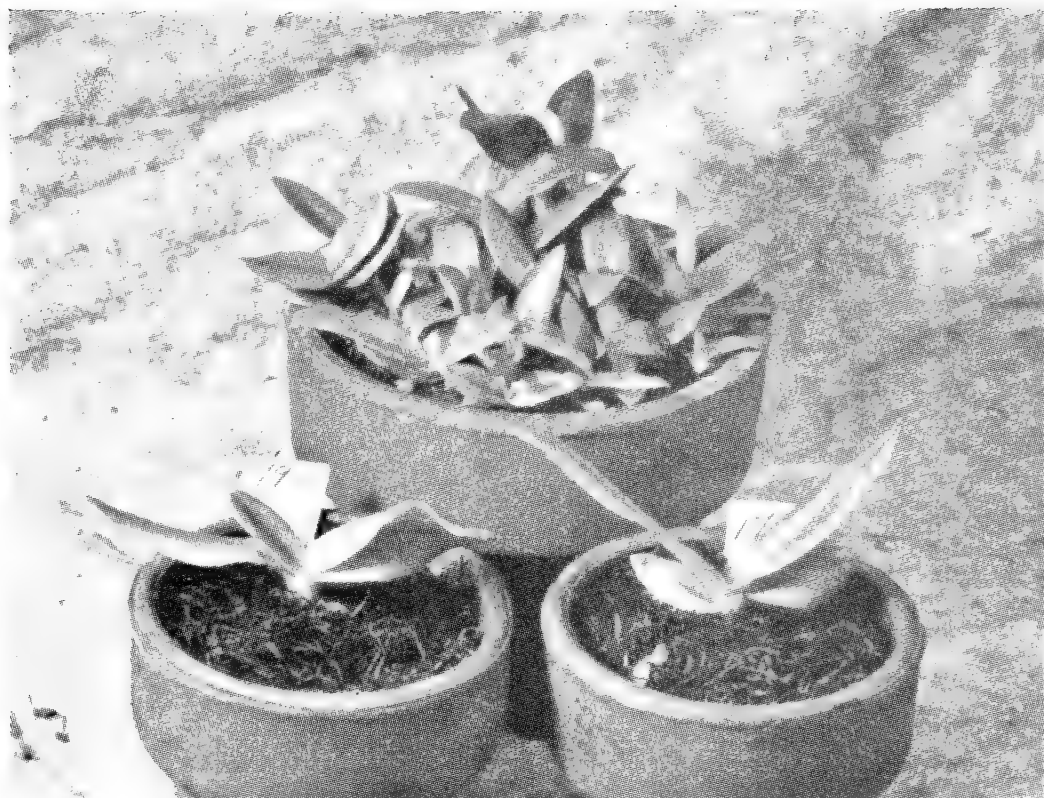
A view of Riverview's large community pot house. Charles Bostwick, seedling grower, seen watering plants.

TEN INCH COMMUNITY POTS

These ten-inch size community pots have 75 plants or more per pot. These seedlings are from two to two and a half inches high and are good healthy plants ready for transplanting into individual pots.

The crosses offered in this size pot are:

| | | | | | | | | |
|-------|---|---|---|---|---|---|---|--------|
| R-124 | Lc. Monora x Lc. Altesse | - | - | - | - | - | - | \$1.25 |
| R-127 | C. General Pultney x C. Enid | - | - | - | - | - | - | 1.00 |
| R-120 | L. Purpurata x Lc. Locarno | - | - | - | - | - | - | .75 |
| R-130 | C. Trimos x C. Monarch | - | - | - | - | - | - | .75 |
| R-131 | C. Dowiana x C. Maggie Raphael alba | - | - | - | - | - | - | 1.25 |
| R-141 | C. Tityus x C. Pretoria | - | - | - | - | - | - | .75 |
| R-142 | C. Suzanne Hye de Crom x Lc. Luminosa Aurea (white) | - | - | - | - | - | - | 1.25 |
| R-143 | C. Mossiae x C. Mossiae | - | - | - | - | - | - | .75 |



1³/₄ INCH SEEDLINGS

- R-108 C. Gigas FMB x C. Hardyana Alba
- R-110 C. Speciosissima x C. Mossiae
- R-111 C. Trianae x Bc. Cliftonii Magnifica
- R-112 C. Mossiae x Bc. Warnham Beauty
- R-113 C. Octave Doin x C. Mossiae
- R-114 C. Rajah Alba x C. Eucharis Alba
- R-115 C. Mt. Royal x Bc. Cliftonii Magnifica
- R-116 C. Princess Royal Alba x C. Eucharis Alba
- R-117 Lc. Britannia Alba x C. Lady Alexander Alba
- R-118 Lc. Monarmus x C. Mossiae
- R-119 C. Cybele Alba x C. Snowden Alba
- R-120 L. Purpurata x Lc. Locarno
- R-121 C. Trianae x C. Trimos
- R-123 Lc. Altesse x C. Mossiae
- R-124 Lc. Monora x Lc. Altesse
- R-125 C. Trianae x C. Gigas
- R-127 C. General Pultney x C. Enid
- R-128 L. Xanthina x Lc. Poynings
- R-129 C. Remy Cholet x C. Monarch
- R-130 C. Trimos x C. Monarch
- R-131 C. Dowiana x C. Maggie Raphael Alba
- R-132 C. Tityus x C. Mossiae Excelsior
- R-133 C. Mossiae x L. Cinnabarina

- R-135 C. Suzanne Hye de Crom (white) x C. White Empress, white
 R-134 C. Octave Doin x C. Pretoria
 R-138 C. Eleanor Gray x C. Santa Monica
 R-139 C. Maggie Raphael Alba x C. Eucharis Alba
 R-140 Lc. Schroederae x C. Edithiae (white)
 R-141 C. Tityus x C. Pretoria
 R-142 C. Suzanne Hye de Crom (white) x Lc. Luminosa Aurea
 R-143 C. Mossiae x C. Mossiae (yellow)
 R-144 C. Mossiae x C. Trianae
 R-146 C. Enid x C. Woltersiana
- Price: White variety \$2.50 each**
Colored \$1.50 each
50 seedlings of our assortment \$75

2½ INCH SEEDLINGS

(Alba means white petals with colored lip)

- C. Tityus
 C. Kienestiana x Jacquinette
 C. Princess Royal alba x C. Princess Royal alba (White colored lip)
 C. Aphrodite x C. Mendellii alba (White colored lip)
 C. Aphrodite x C. Mendellii alba (White colored lip)
 C. Trianae x C. Enid
 C. Princess Royal alba x Self (White colored lip)
 C. Gigas F. M. B. x C. Hardyana alba (White colored lip)
 C. Trianae Backhousiana x Lc. Nella (Dark Parents)
 C. Luegeae
 C. Princess Royal alba x Empress Frederick alba (White colored lip)
 C. Lueddemanniana Silver Veins x C. Percivaliana
 C. Fabia alba C. Amabalis alba x C. Bobbie Jewell alba
 C. Empress Frederick x C. Kienestiana
 C. Octave Doin x Lc. Electa
 Lc. Schroederae x C. Enid
 C. Mt. Royal alba x Lc. Schroederae alba (White colored lip)
 C. Edithiae x C. Rajah (White)
 C. Edithiae (pure white) x Lc. G. S. Ball
 C. Empress Frederick alba x C. Annette alba (White colored lip)
 C. Trentino x C. Myra Peters (Pure white)
 C. Titrianae x Lc. Cynthia Church
 C. Gigas — Var. Orchidwood x Bc. Imperialis
 C. Speciosissima x C. Mossiae. Fine variety.
 C. Trianae x Bc. Cliftonii Magnifica
 C. Mossiae x Bc. Warnham Beauty
 C. Octave Doin x C. Mossiae
 C. Rajah alba x C. Eucharis alba (White colored lip)
 C. Mt. Royal x Bc. Cliftonii Magnifica
 C. Princess Royal alba x C. Eucharis alba (White colored lip)

Price for 2½ inch: White variety \$4.00 each
Colored \$3.00 each

50 Seedlings of our assortment \$150.00, including some white

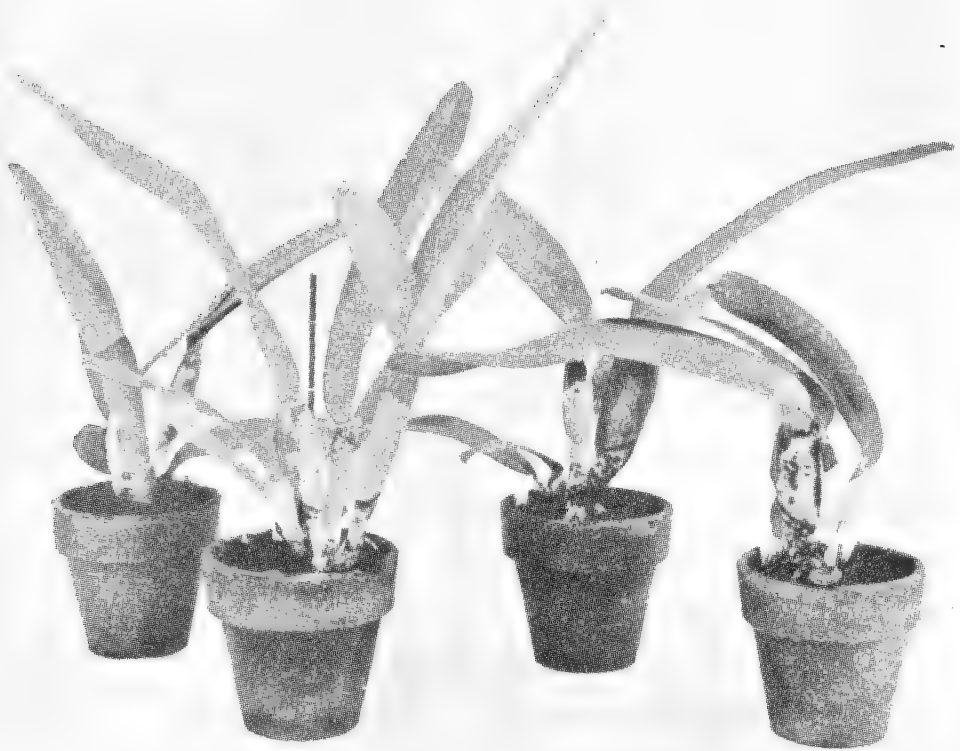
3 INCH SEEDLINGS

(Alba means white petals with colored lip)

C. Woltersiana x C. Clotho
Lc. Hyeana x C. Peetersii
C. Gigas x Lc. Serbia
C. Tityus x Lc. Queen Mary
C. Dupreana x Lc. Callistoglossa
Lc. Pyramus x C. Dinah
C. Mrs. P. Bigland x Lc. Aconcagna
C. Schroederae x L. Purpurata
Lc. Queen Mary x C. Gladiator
C. Gigas x L. Pacavia
C. Woltersiana x Lc. St. Gothard
C. Gigas x Lc. Aphrodite
Lc. St. Gothard x C. Maggie Raphael
C. Trianae x Lc. Luminosa
C. Hardyana x Lc. Serbia
C. Maggie Raphael alba x Lc. Bella alba
Lc. Profusion x C. Dinah
C. Mossiae x C. Warneri
C. Dowiana x C. Percivaliana
C. Dowiana Rosita x C. Enid
C. Dowiana x C. Trianae
C. Trianae x C. Fabia
C. Fabia x C. Mantinii
C. Enid x C. Maggie Raphael
C. Peter x C. Rene du Brucq
C. Bowringeana x C. Labiata
C. Dupreana x C. Sylvia
C. Ballantineana x C. Fabia
C. Mendelii x L. Purpurata
C. Trianae x Lc. Callistoglossa
C. Dowiana x L. Elegans Turneri
C. Gigas x L. Tenebrosa
C. Gigas x L. Purpurata
C. Dowiana x L. Purpurata
C. Schroederae x L. Cinnebarina
Lc. Vesuvius x C. Mossiae
C. Labiata x Lc. Dominiana
C. Hardyana x Lc. Lustre

Price: Colored \$4.00 each

White \$6.00 each



3½ INCH SEEDLINGS

- R-1 C. Tityus x C. Trianae the Globe
- R-2 C. Suzanne Hye de Crom x C. White Empress
- R-3 Lc. Sargon (Lc. Golden Wren x C. Triumphant)
- R-5 Lc. Sargon x C. Mossiae
- R-7 C. Suzanne Hye de Crom (white) x Lady Veitch
- R-9 C. Hesperus
- R-11 C. Enid x C. Hardyana
- R-12 C. Labiata x C. Hesperus
- R-16 Bc. Penelope x Bc. Cliftonii Magnifica
- R-24 C. Labiata x C. Peetersii
- R-26 C. Fabia (C. Dowiana x C. Labiata)
- R-30 C. Gigas x C. Gaskelliana
- R-31 C. Mossiae x L. Purpurata
- R-32 C. Mossiae x Lc. Aphrodite
- R-33 C. Lord Rothschild (C. Dowiana x C. Gaskelliana)
- R-34 C. Dowiana x C. Percivaliana

- R-37 Lc. Aphrodite x C. Mendelii
- R-38 C. Dowiana x C. Trianae
- R-40 C. Tityus
- R-42 Lc. Rosalind
- R-43 C. Trianae x C. Suzanne Hy de Crom (white)
- R-44 C. Kienstiana x C. Jacquinette
- R-45 C. Hardyana Alba x Gigas FMB Alba
- R-50 C. Trianae x C. Enid
- R-51 C. Princess Royal Alba x C. Princess Royal Alba
- R-52 C. Maggie Raphael x C. Trienestiana
- R-59 Lc. Aphrodite Alba x C. Mendelii Alba
- R-60 C. Trianae Backhousiana x Lc. Nella
- R-61 C. Gigas FMB x Hardyana Alba
- R-63 C. Mossiae M & M x C. Trianae (Grand Monarch)
- R-66 C. Enid x C. Dowiana (C. Luegeae)
- R-67 C. Princess Royal Alba x C. Empress Frederick Alba
- R-69 C. Lueddemanniana Silver Veins x C. Percivaliana
- R-71 C. Trianae Dark var. x C. Schroederae
- R-72 C. Enid
- R-81 C. Trianae Splashed Petals x Lc. Tartans
- R-82 C. Mossiae x C. General Pultney
- R-84 C. Mossiae x Young's Trianae
- R-90 C. Empress Frederick x C. Kienestiana
- R-91 C. Octave Doin x Lc. Electa
- R-92 Lc. Schroederae x C. Enid
- R-93 C. Mt. Royal Alba x Lc. Schroederae
- R-94 C. Edithiae (white) x C. Rajah (white)
- R-95 C. Edithiae (white) x Lc. G. S. Ball
- R-96 C. Empress Frederick Alba x C. Annette Alba
- R-97 C. Trentina x C. Myra Peters (white)
- R-98 C. Enid Alba x C. Princess Royal Alba
- R-99 C. Titriannae x Lc. Cynthia Church
- R-100 C. Gigas var. Orchidwood x Bc. Imperialis
- R-101 Mt. Royal Alba x C. Percivaliana var. Roeblingeana Alba
- R-102 C. Kienestiana x C. Jacquinette
- R-103 C. Falco x C. Gaskelliana
- R-104 C. Trianae (Mrs. Cooley) x President Wilson Alba
- R-105 C. Eleanore Alba x C. Aurea
- R-106 Lc. Schroederae Alba x Lc. Schroederae Alba

Price: Colored \$12.00

White \$20.00



4 INCH SEEDLINGS

- R-1 C. Tityus x C. Trianae the Globe
- R-2 C. Suzanne Hye de Crom x C. White Empress
- R-3 Lc. Sargon (Lc. Golden Wren x C. Triumphant)
- R-5 Lc. Sargon x C. Mossiae
- R-7 C. Suzanne Hye de Crom (white) x Lady Veitch
- R-9 C. Hesperus
- R-11 C. Enid x C. Hardyana
- R-12 C. Labiata x C. Hesperus
- R-16 Bc. Penelope x Bc. Cliftonii Magnifica
- R-24 C. Labiata x C. Peetersii
- R-26 C. Fabia (C. Dowiana x C. Labiata)
- R-30 C. Gigas x C. Gaskelliana
- R-31 C. Mossiae x L. Purpurata
- R-32 C. Mossiae x Lc. Aphrodite
- R-33 C. Lord Rothschild (C. Dowiana x C. Gaskelliana)
- R-34 C. Dowiana x C. Percivaliana
- R-37 Lc. Aphrodite x C. Mendelii

- R-38 C. Dowiana x C. Trianae
- R-40 C. Tityus
- R-42 Lc. Rosalind
- R-43 C. Trianae x C. Suzanne Hye de Crom (White)
- R-44 C. Kienestiana x C. Jacquinette
- R-45 C. Hardyana Alba x Gigas FMB Alba
- R-50 C. Trianae x C. Enid
- R-51 C. Princess Royal Alba x C. Princess Royal Alba
- R-52 C. Maggie Raphael x C. Trienestiana
- R-59 Lc. Aphrodite Alba x C. Mendelii Alba
- R-60 C. Trianae Backhousiana x Lc. Nella
- R-61 C. Gigas FMB x Hardyana Alba
- R-63 C. Mossiae M & M x C. Trianae (Grand Monarch)
- R-66 C. Enid x C. Dowiana (C. Luegeae)
- R-67 C. Princess Royal Alba x C. Empress Frederick Alba
- R-69 C. Lueddemanniana Silver Veins x C. Percivaliana
- R-71 C. Trianae Dark var. x C. Schroederae
- R-72 C. Enid
- R-81 C. Trianae Splashed Petals x Lc. Tartan
- R-82 C. Mossiae x C. General Pultney
- R-84 C. Mossiae x Young's Trianae
- R-90 C. Empress Frederick x C. Kienestiana
- R-91 C. Octave Doin x Lc. Electa
- R-92 Lc. Schroederae x C. Enid
- R-93 C. Mt. Royal Alba x Lc. Schroederae
- R-94 C. Edithiae (white) x C. Rajah (white)
- R-95 C. Edithiae (white) x Lc. G. S. Ball
- R-96 C. Empress Frederick Alba x C. Annette Alba
- R-97 C. Trentina x C. Myra Peters (white)
- R-98 C. Enid Alba x C. Princess Royal Alba
- R-99 C. Titrianae x Lc. Cynthia Church
- R-100 C. Gigas var. Orchidwood x Bc. Imperialis
- R-101 Mt. Royal Alba x C. Percivaliana var. Roeblingeana Alba
- R-102 C. Kienestiana x C. Jacquinette
- R-103 C. Falco x C. Gaskelliana
- R-104 C. Trianae (Mrs. Cooley) x C. President Wilson Alba
- R-105 C. Eleanore Alba x C. Aurea
- R-106 Lc. Schroederae Alba x Lc. Schroederae Alba

Price: Colored \$15.00 each

White \$25.00 each



Oscar Kenzick, one of Riverview's growers, in the house of three-inch seedlings.

FOUR INCH BACK BULBS

There are decided advantages in purchasing established back-bulb propagations of fine flowering quality. We propagate from only strong growing stock and selected flowering types. A propagation will flower in from one to three years and is priced considerably lower than unproved seedling stock of comparable size.

Propagations represent a better investment than seedlings for the following reasons:

1. Proven quality flowering stock.
2. Selected strong growing strains.
3. Price.

VARIETIES

(Alba means white petals with colored lip)

Lc. Augusta — C. Tityus x Lc. Queen Mary
Lc. Caliban — C. Dupreana x Lc. Callistoglossa
Lc. Schroederae alba — C. Maggie Raphael alba x Lc. Bella alba
C. Tityus — C. Enid x C. Octave Doin
C. Intertexta — C. Mossiae x C. Warneri
C. Leda — C. Dowiana x C. Percivaliana
C. Luegeae — C. Dowiana Rosita x C. Enid
Lc. Aphrodite — C. Mendelii x L. Purpurata
Lc. Callistoglossa — C. Gigas x L. Purpurata
Lc. Cameronian — Lc. Dominiana x C. Princess Royal
Lc. Dominiana — C. Dowiana x L. Purpurata
Lc. Nella — C. Labiata x Lc. Dominiana
Lc. Sargon — C. Hardyana x Lc. Lustre
C. Mt. Royal — C. Enid x C. Maggie Raphael
Lc. Nella — C. Labiata x Lt. Dominiana
Lc. Tartan — C. Sir Water Scott x L. Purpurata
C. Armainvillierensis — C. Mendelii x C. Gigas
C. Dupreana — C. Warneri x C. Gigas
C. Enid — C. Gigas x C. Mossiae
C. Eucharis — Cowianae alba x C. Mossiae alba
C. Fabia — C. Dowiana x C. Labiata
C. Hardyana — C. Dowiana x C. Gigas
C. Kienestiana — C. Dowiana x C. Luedemanniana
C. Lord Rothschild — C. Dowiana x C. Gaskelliana
C. Maggie Raphael — C. Dowiana x C. Trianae
C. Prince Schimadzu — C. Hardyana x C. Tityus
C. Enid Alba x C. Amabilis Alba
C. Trianae x C. Enid
C. Fabia alba x C. Gigas FMB alba
C. Hardyana x C. Gigas FMB alba
C. Mossiae x C. Gigas
C. Dowiana x C. Labiata
C. Cooksoni x C. Fabia
C. Gaskelliana x C. Gigas
C. Mossiae x C. Warneri
C. Dowiana x C. Percivaliana
C. Dowiana Rosita x C. Enid
C. Dowiana x C. Trianae
C. Trianae x C. Fabia
C. Enid x C. Maggie Raphael
C. Peter x C. Rene du Brucq
C. Monarch x C. Trianae
C. Ballantineana x C. Fabia
C. Mendelii x L. Purpurata
Lc. Lustre x C. Fabia

C. Schroederae x L. Purpurata
C. Schroederae x L. Cinnebarina
C. Labiata x Lc. Dominiana
C. Hardyana x Lc. Lustre
C. Sir Walter Scott x L. Purpurata
Lc. Vesuvius x C. Gigas

Price: Colored, \$6.00 each or 25 assorted \$125.00
White, \$7.50 each

SPECIAL OFFERING OF SPECIES—4 INCH

C. Mendelii, species from Colombia. Spring flowering.
C. Gaskelliana, species from Venezuela. Early summer flowering.
C. Gigas, species from Colombia. Summer flowering.
C. Labiata, species from Brazil. Fall flowering.
C. Mossiae, species from Venezuela. Spring flowering.
C. Percivaliana, species from Venezuela. Winter flowering.
C. Trianae, species from Colombia. Winter flowering.
C. Schroederae, species from Colombia. Spring flowering.
C. Skinneri, species from Guatemala. Spring flowering.
C. Bowringiana, species from Brazil. Fall flowering.

Prices: 4 inch—\$4.00 each or 25 for \$90.00
5 inch—\$6.00 each or 25 for \$125.00
6 inch—\$8.00 each or 25 for \$175.00
Assortment if desired.

SPECIAL OFFERING OF C. MOSSIAE

These plants have been potted this year and with good attention should produce a lot of flowers. **6 inch—\$8.00 each or 25 for \$175.**

SPECIAL OFFERING OF C. SPECIOSISSIMA

Very good variety, **5 inch—\$6.00 each, 25 for \$125.00; 6 inch—\$7.50 each, 25 for \$175.00.** All flowering plants.

NEW IMPORTATIONS OF C. MOSSIAE and C. GASKELLIANA

5 inch—\$ 6.00
6 inch—\$10.00

ORCHID PEAT — As collected, per bag, \$3.50.

ALUMINUM POTTING BARS

Again we offer for sale very light aluminum potting bars. These bars are curved for easy handling and can be used for any sized potting.

Price: 13-inch bar—\$5.00
6 bars for \$25.00

SPECIAL OFFERINGS OF 5-INCH BLOOMING SIZE HYBRIDS

VARIETIES

(Alba means white petals with colored lip)

Lc. Schroederae alba — C. Maggie Raphael alba x Lc. Bella alba
C. Tityus — C. Enid x C. Octave Doin
C. Intertexta — C. Mossiae x C. Warneri
C. Leda — C. Dowiana x C. Percivaliana
C. Luegeae — C. Dowiana Rosita x C. Enid
Lc. Aphrodite — C. Mendelii x L. Furpur ata
Lc. Callistoglossa — C. Gigas x L. Purpurata
Lc. Cameronian — Lc. Dominiana x C. Princess Royal
Lc. Dominiana — C. Dowiana x L. Purpurata
Lc. Nella — C. Labiata x Lc. Dominiana
Lc. Sargon — C. Hardyana x Lc. Lustre
C. Mt. Royal — C. Enid x C. Maggie Raphael
Lc. Nella — C. Labiata x Lc. Dominiana
Lc. Tartan — C. Sir Walter Scott x L. Purpurata
C. Armainvillierensis — C. Mendelii x C. Gigas
C. Dupreana — C. Warneri x C. Gigas
C. Enid — C. Gigas x C. Mossiae
C. Eucharis — C. Cowianae alba x C. Mossiae Wageneri alba
C. Fabia — C. Dowiana x C. Labiata
C. Hardyana — C. Dowiana x C. Gigas
C. Kienestiana — C. Dowiana x C. Lueddemanniana
C. Lord Rothschild — C. Dowiana x C. Gaskelliana
C. Maggie Raphael — C. Dowiana x C. Trianae
C. Prince Schimadzu — C. Hardyana x C. Tityus
C. Enid alba x C. Amabilis alba
C. Trianae x C. Enid
C. Fabia alba x C. Gigas F. M. B. alba
C. Hardyana x C. Gigas F. M. B. alba
C. Mossiae x C. Gigas
C. Dowiana x C. Labiata
C. Cooksoni x C. Fabia
C. Gaskelliana x C. Gigas
C. Mossiae x C. Warneri
C. Dowiana x C. Percivaliana
C. Dowiana x C. Trianae
C. Dowiana Rosita x C. Enid

C. Trianae x C. Fabia
 C. Enid x C. Maggie Raphael
 C. Peter x C. Rene du Brucq
 C. Monarch x C. Trianae
 C. Ballantineana x C. Fabia
 C. Mendelii x Purpurata
 C. Schroederae x L. Purpurata
 C. Schroederae x L. Cinnebarina
 C. Labiata x Lc. Dominiana
 C. Hardyana x Lc. Lustre

Price: Colored, \$10.00 each or 25 for \$225.00

White, \$15.00 each

5 INCH UNFLOWERED BLOOMING SIZE SEEDLINGS

(Alba means white petals with colored lip)

C. Woltersiana x C. Clotho
 Lc. Hyeana x C. Peetersii
 C. Gigas x Lc. Serbia
 C. Tityus x Lc. Queen Mary
 C. Dupreana x Lc. Callistoglossa
 Lc. Pyramus x C. Dinah
 C. Mrs. P. Bigland x Lc. Aconcagna
 Lc. Ishtar x C. Dinah
 C. Schroederae x L. Purpurata
 Lc. Queen Mary x C. Gladiator
 Lc. George Woodhams x C. Scotia
 C. Gigas x L. Pacavia
 Lc. Soulangue x C. Serbia
 C. Lord Rothschild x Lc. George Woodhams
 C. Woltersiana x Lc. St. Gothard
 C. Gigas x Lc. Aphrodite
 C. Trianae x Lc. Luminosa
 C. Hardyana x Lc. Serbia
 C. Maggie Raphael alba x Lc. Bella alba
 C. Mossiae x C. Warneri
 C. Dowiana x C. Percivaliana
 C. Dowiana Rosita x C. Enid
 C. Dowiana x C. Trianae
 C. Trianae x C. Fabia
 C. Fabia x C. Mantinii
 C. Enid x C. Maggie Raphael
 C. Peter x C. Rene du Brucq
 C. Bowringiana x C. Labiata
 C. Dupreana x C. Sylvia
 C. Ballantineana x C. Fabia

C. Mendelii x L. Purpurata
 C. Trianae x Lc. Callistoglossa
 C. Dowiana x L. Elegans Turneri
 C. Gigas x L. Tenebrosa
 C. Gigas x L. Purpurata
 L. Crispa x C. Hardyana
 C. Dowiana x L. Purpurata
 C. Schroederae x L. Cinnebarina
 C. Labiata x Lc. Dominiana
 C. Enid alba x C. Amabilis alba
 C. Trianae x C. Enid
 C. Fabia alba x C. Gigas F. M. B. alba
 C. Hardyana x C. Gigas F. M. B. alba
 C. Mossiae x Gigas
 C. Dowiana x C. Labiata
 C. Cooksoni x C. Fabia
 C. Gaskelliana x C. Gigas
 C. Hardyana x Lc. Lustre
 C. Sir Walter Scott x L. Purpurata

Prices: Colored, \$20.00 each

White, \$30.00 each

Very beautiful plants.



Dot Radeschi, Josephine Skawinski and Betty Manley, pack orchids in Riverview's modern shipping department. The orchids are sent air express all over the country.

SPECIAL OFFERINGS OF 6 INCH HYBRIDS

| | |
|---|-----------------------|
| C. Gigas x L. Purpurata | C. Enid |
| Lc. Dominiana x C. Princess Royal | C. H. T. Pitt |
| Lc. Callistoglossa x C. Empress Frederick | Lc. Canhamiana |
| C. Mossiae x C. Warnerii | C. Clotho |
| C. Enid x C. Maggie Raphael | C. Carolina |
| C. Labiata x Lc. Dominiana | Lc. Schroederae |
| Lc. Aphrodite x C. Van Houtte | C. Nebo |
| L. Purpurata x C. Dupreana | Lc. Harold Lloyd |
| C. Enid x C. Octave Doin | C. Santa Monica |
| C. Gaskelliana x L. Purpurata | C. President Wilson |
| C. Hardyana x Lc. Callistoglossa | Lc. Tartan |
| C. Gigas x B. Digbyana | C. Talisman |
| C. Gigas x C. Shenandoah | C. Amabilis |
| C. Minucea x C. Labiata x C. Fabia Alba | C. Woltersiana |
| C. Ballantineana x C. Dupreana | Lc. Violetta |
| Lc. Eximea x C. Gigas | C. Mt. Royal Alba |
| C. Kienestiana x C. Gigas | C. Carolina Gigandoah |
| C. Hardyana Alba x C. Trianae | C. H. S. Leon |
| C. Katahdin x C. Gigas | Lc. Aphrodite |
| C. Eleanor Gray x C. Gigas | C. Intertexta |
| C. Trianae x C. Enid | C. Pretoria |
| C. Hardyana Alba x Bc. Speciosa | C. H. A. Tracey |
| C. Mossiae x C. Martinetti | C. Schroedelliana |
| C. Enid x C. Gigas | Lc. Nella |
| C. Trianae x C. Hardyana Alba | Lc. Purple Emperor |
| C. Maxima x C. Mossiae | Lc. Rabiana |
| C. Katahdin x C. Gigas | Lc. Cortina |
| C. Percivaliana x Mrs. Knollys | C. Peetersii |
| C. Speciocissima x Bc. Cortina | Lc. Eximea |
| L. Purpurata x Hippolyta | C. Mt. Royal |
| C. Gigas x Hippolyta | C. General Pultney |
| C. Trianae x C. Percivaliana | C. Octave Doin |
| C. Martinetti x C. Mossiae | C. Fabia |
| C. Speciosissima x Bc. Leemanii | C. Tityus |
| C. Speciosissima x C. Mossiae | Lc. Cameronian |
| C. Trianae x C. Ballantineana | |
| C. Cappei Alba x C. Prince John | |
| C. Speciosissima x C. Ballantineana | |
| C. Trianae x C. Trianae | |
| C. Labiata x C. Enid | |
| C. Enid x C. St. Gothard | |
| C. Hardyana Alba x Prince John | |
| C. Pretoria x Bella | |
| C. Fabia x C. Peetersii | |
| C. Hardyana Alba x C. Fabia Alba | |
| C. Lediata (C. Leda x C. Labiata) | |
| C. Peter x C. Dowiana x C. Quibo | |

Six, blooming size:

Colored, \$15.00 each

White, \$25.00 each

SPRAY ORCHIDS

Oncidium Splendidum, 5 inch @ \$5.00; 6 inch @ \$6.00.

Oncidium Var. Rogersii, 4 inch @ 4.00; 5 inch @ \$5.00.

CYPRIPEDIUM INSIGNE

4 inch—\$3.00.

5 inch—\$6.00.

SPATH. CLEVELANDII

Like a white Anthurium, very free flowering.

6 inch—\$7.00.

5 inch—\$5.00.

PHALAENOPSIS—PINK

2½ inch—\$3.00 each.

3 inch—\$5.00 each

VANDA—COERULEA

4 inch—\$7.50 each.



INFORMATION AND CULTURAL NOTES ON THE GROWING OF ORCHIDS

Orchids comprise a vast family of which over 15,000 species are now known, while the hybrids which have been raised in the last ten to twenty years are almost innumerable. Many of them produce exquisitely beautiful flowers of great lasting quality and are of easy culture. If treated in a commonsense manner, they are by far easier to grow than a great many other plants, provided some attention is paid to their requirements.

TEMPERATURE

The word "Intermediate" following a heading of the plant lists, means these plants do best in a house whose minimum temperature is 55° to 65° at night. A night heat of 55° as a minimum on extreme cold nights, and 60° in moderate weather will be better for the plants than a higher temperature, especially if they are in bloom. 60° or 75° by day, or a few degrees more with sun heat and ventilation is good, and in summer as low as outside conditions will permit. "Warm" means a minimum temperature of 65° to 75°. "Cool" means a minimum temperature of 40° to 55°. We have indicated in each case the type of house each variety prefers, but this is not an absolutely hard and fast rule, for we

have repeatedly seen gardeners successfully growing mixed types in one house by the careful utilization of the various parts of the house for individual plants that need the cooler end or the warmer end, conditions that are soon discovered by the observant grower.

AIR

Air must be given at all times when possible. The house must have free air, day and night, from May to September, and at other times as much as outside conditions will permit. At no time should the air of the house be permitted to get stale or musty. Oftentimes a small crack of air will prevent this. The more air used, the more water will be required, as the stagings and walks should be kept moist to maintain humidity.

WATER

Orchids want a fairly moist atmosphere, which means a humidity of 70° or more. This can easily be obtained by watering between the pots and damping the walks and under the benches once or twice a day, according to weather conditions. A hygrometer or simple and inexpensive device which records both temperature and moisture, will greatly facilitate this, and is a safeguard against excessive changes in humidity, especially during fall and winter.

In winter, water is best given to the plants in the morning so that the surplus will dry off before night. It is impossible to lay down any hard and fast rules for watering. It is a very important operation, and skill is acquired by practical experience, connected with a knowledge of the general conditions surrounding the plants in their native homes. As a rule, most orchids need a liberal supply of water while growing, but the condition of the plant, the compost, and the manner in which it is potted, have something to do with this. Newly repotted plants should be watered sparingly for several weeks, ailing plants, or plants in old compost, which is more apt to hold water, should be watched carefully. It is certain that when rainwater is saved for watering the plants they show more vigor.

On cold, clearless days, when the temperature is below normal, very little watering or damping is needed, and unless it is some particular species which cannot endure drying, it is safest to withhold water; otherwise the plants will be surcharged and those with weak constitutions or immature growths will be liable to damp off or rot. A close, stagnant atmosphere is always to be avoided. In the summer the air is very drying and the plants benefit greatly from frequent light overhead spraying two or three times a day.



A scene of six and seven inch plants in one of Riverview's large houses.
Each house contains 10,000 to 12,000 plants.

We must again call to the attention of amateurs their most common error—overwatering the epiphytes, and especially the Cattleyas. These want spraying overhead each bright day, even two or three times in warm dry weather, but water on the compost should be applied only as indicated under the section devoted to Cattleyas. Give them a good drink about twice a week. Do not rest the plants in saucers, and if they are on a bench be sure there is a crack beneath them so that the surplus water will drain off.

SHADING

From early February to late October shading must be provided. Outside roller blinds are far superior to any other method for they may be left up on cloudy or dark days, or raised in the afternoon when the sun is low, and thus the plants benefit greatly from the increased light. They are also a protection against hail. However, satisfactory results can be obtained by shading with white lead and gasoline, which should be applied very lightly, just enough to exclude the direct rays of the sun. Cheesecloth stretched a few inches from the glass will provide a heavier degree of shading for those species which require it, such as *Cypripediums*.

In a house having full exposure to the sun in winter, orchids will need shading to some extent. Even in a very small greenhouse there exists plenty of opportunity for variations in shading, enough to suit individual plants by placing upon shelves or near the glass those which require much light, and putting those which require more shade on the less exposed side of the house. The observant grower will find even a slight change of position in the house will often bring about marked improvement in growing conditions for a plant.

POTTING

Species bloom at stated season, but the hybrids are of irregular habit, due perhaps to their mixed origin, they blossom and need repotting throughout the year. This makes it difficult to make a rule for potting, but the best time is after flowering or when they start to make their new collar roots. However, many orchids should not have their root action disturbed and should not be repotted each year. Three rules generally cover this: (1) when the compost decays, (2) when the plant does not thrive due to faulty drainage, (3) or when they have outgrown their pots.

New pots should be thoroughly soaked prior to using and old ones thoroughly cleaned. Using a five-inch pot as an example, increase the drainage hole to about one inch in diameter with the head of a hammer. Place a large piece of crock over this



James Frontz and James Harris, two of Riverview's Growers, re-pot orchid plants.

hole in such a manner as to allow good free drainage, and fill the pot with potshreds to about two inches. All orchids should be potted very firmly. Use a sharp-pointed hardwood potting stick and work the compost towards the center, packing it in as hard as possible. When finished off, compost should be about three-quarters of an inch from the top of the pot, then neatly trim with the shears all protruding pieces of fiber. This is recommended proportionately for all pots.

Care should always be taken not to overpot, for if the compost remains wet in the center it causes the osmunda fiber to decay, and the roots rot. All newly potted plants should be kept on the dry side until root action begins. Syringing is most beneficial at this time.

CATTLEYA (Intermediate)

The best potting material for Cattleyas is osmunda fiber. With these and their allied genera, it is almost impossible to force the compost into the pot too firmly. Place the back bulb close to the side of the pot, so as to allow the leading growths plenty of room. Always plan to have a pot large enough to take two years' growth. This can easily be estimated from previous growths. After potting the plant should be staked. Galvanized wire is recommended, for if bamboo or other wood is used, it will generally rot before time for repotting; and this necessitates restaking. Cattleyas love the light and should have as much as possible, short of direct rays of the midday sun.

The adult plants of the Cattleya genera should not be watered until the compost in the pot has become quite dry; this cannot be easily ascertained by feeling the top surface. The best practice is to lift the plant, and if it is light give it a thorough soaking, then do not water it again until it is well dried out. Always remember that the easiest way to kill plants of the Cattleya family is to overwater them. On bright, sunny days syringing with a fine mist spray is beneficial. Hybrids are usually of much easier culture than many of the species and the flowers are superior.

CYPRIPEDIUM (Intermediate)

Cypripediums should be kept moist at all seasons, with the exception of the newly repotted plants, which should be kept somewhat on the dry side. They should not be dried out between waterings to the extent of the Cattleya genus. They require a moist atmosphere, and should be shaded from the direct rays of the sun at all times. Extremely weak applications of liquid cow manure are beneficial during September and October.

Compost should be straight brown osmunda fiber. The Cypripediums should be repotted every two years right after flowering.

ONCIDIUM

(Intermediate)

Compost—coarse osmunda fiber with ample drainage. When in active growth an abundance of water and light is beneficial. After growths have matured, water should be retarded until flowering spikes appear. (Note: *Oncidium splendidum* should be dipped weekly after growth is two inches high. After flowering they should be severely dried off and only syringed, or premature and weak growths result.) Many of this species do well suspended from the roof.

PHALAENOPSIS

(Warm)

Compost should be brown osmunda fiber in special baskets, or pots with numerous holes in the sides and bottom, and a large amount of broken crock, so as to allow ample drainage. Never allow the plants to dry out. Repot as often as the compost becomes soft or stale, and allow the roots to protrude. During active growth they want a liberal supply of water and careful early morning spraying, with the atmosphere always moist, and enough air so that the same does not become musty. The plants require much light but cannot stand the direct rays of the sun. North and east exposure is recommended. The plants should be hung, or placed on the top of a high bench.

DISEASES AND INSECTS

WET-ROT is brought on by an over-moist or stagnant atmosphere, and is usually detected by a semi-transparent appearance of the parts affected, which soon become dark brown. If noticed at the commencement, it can be readily checked by slitting the outer skin with a sharp knife, and removing the plant to a more airy position for a few days.

DRY-ROT is caused by a fungus which attacks the rhizome of the plant. It is often produced by burying the rhizome, or base of the plant, in the compost. Cypripediums are susceptible to it. Large healthy growths, when attacked, show a sickly pale color in the foliage. On examination of the base, it is found discolored or of light brown appearance. If the affected portion is quickly removed with a sharp knife, it will usually give no further trouble; otherwise, it will spread and destroy the plant.

SPOT. The appearance of small, dark brown spots on the leaves and pseudo-bulbs is usually an indication of cold and overwatering. The affected parts should be slit with a sharp knife, and a mixture of charcoal and sulphur rubbed on the wound.

THRIP and SCALE. Frequent syringing with a nicotine insecticide, with soap added, will control these pests. It is good practice to use this insecticide fortnightly as a precaution. Use a fine nozzle and apply all force possible.

CATTLEYA BEETLES. These can be controlled and, in fact, eliminated, by systematically spraying with Rotenone and Derris Root Insecticide to which soap has been added.

SNAILS and Garden Slugs are one of the worst pests. As they do their work at night, many people fail to account for the damage done to young shoots, roots, and flower-buds. **KILSLUG** placed on the benches in the late afternoon will attract them, and they will be found dead in the morning.

HOUSE CULTURE

There are a number of varieties which grow successfully in dwelling houses, and those recommended are Cattleya and its multigeneric hybrids, and Cypripediums. While the conditions are apt to be dry and more or less subject to drafts, they will thrive very well if one keeps the foregoing directions in mind—particularly relative to night temperature and humidity—and uses a fine hand spray on the foliage on bright days. The use of a metal tray under the plants filled with pebbles and kept damp will greatly assist in keeping the air moist around the plants.

CONCLUSION

The amateur can grow healthy plants and enjoy beautiful flowers in his leisure time if general directions are followed. Many of the chances for failure can be eliminated by precautions taken upon acquiring plants. Buy only established plants of strong, healthy growth and free from disease and insects at the outset. Keep your plants clean, learn the simple rules for temperature, ventilation, watering, shade and light, and your efforts are sure to be crowned

